DECISION SCIENCES Journal

VOLUME 23 AUTHOR INDEX

- Acar, William. See: Heintz, Timothy J., & Acar, William.
- Ahmed, Imtiaz, & Fisher, Warren W. Due Date Assignment, Job Order Release, and Sequencing Interaction in Job Shop Scheduling. 23(3), 633-647.
- Arinze, Bay. See: Kim, Seung-Lae, & Arinze, Bay.
- Barr, Steve H. See: Mackay, Jane M., Barr, Steve H., & Kletke, Marilyn G.
- Barton, Thomas L. A Unique Solution for the Nucleolus in Accounting Allocations. 23(2), 365-375.
- Ben-David, Arie. Automatic Generation of Symbolic Multiattribute Ordinal Knowledge-Based DSSs: Methodology and Applications. 23(6), 1357-1372.
- Benton, W. C. See: Kim, Jay S., Ritzman, Larry P., Benton, W. C., & Snyder, David L.
- Berger, Paul D. See: Fedorowicz, Jane, Oz, Effy, & Berger, Paul D.
- Berkley, Blair J. A Decomposition Approximation for Periodic Kanban-Controlled Flow Shops. 23(2), 291-311.
- Bernardo, John J., & Upton, David E. Stochastic and Intransitive Behavior in a State-Preference Model of Asset Choice. 23(5), 1114-1126.
- Bowers, Melissa R., & Jarvis, James P. A Hierarchical Production Planning and Scheduling Model. 23(1), 144-159.
- Bridges, Eileen, Ensor, Katherine B., & Thompson, James R. Marketplace Competition in the Personal Computer Industry. 23(2), 467-477.
- Brockett, Patrick L., Charnes, Abraham, Cooper, William W., Kwon, Ku-Hyuk, & Ruefli, Timothy W. Chance Constrained Programming Approach to Empirical Analyses of Mutual Fund Investment Strategies. 23(2), 385-408.
- Brown, Kate, & Norgaard, Richard. Modelling the Telecommunication Pricing Decision. 23(3), 673-686.
- Calantone, Roger J. See: McGlone, Teresa A., & Calantone, Roger J.
- Campbell, Gerard M. Master Production Scheduling Under Rolling Planning Horizons with Fixed Order Intervals. 23(2), 312-331.

- Ceccucci, Wendy A. See: Leu, Yow-Yuh, Rakes, Terry R., Rees, Loren Paul, & Ceccucci, Wendy A.
- Charnes, Abraham. See: Brockett, Patrick L., Charnes, Abraham, Cooper, William W., Kwon, Ku-Hyuk, & Ruefli, Timothy W.
- Cheng, C. S. Agnes, & Liao, Woody M. Simultaneous Determination of Joint Product Cost Allocations and Cost-Plus Prices. 23(4), 785-796.
- Cheng, C. S. Agnes. See: Zinkhan, George M., & Cheng, C. S. Agnes.
- Choo, Eng Ung. Schoner, Bertram, Wedley, William C., & Choo, Eng Ung.
- Chou, Kuocheng, & Tang, Kwei. Burn-in Time and Estimation of Change-Point with Weibull-Exponential Mixture Distribution. 23(4), 973-990.
- Chun, Young Hak, & Platt, Marjorie. On the Sequential Selection Problem. 23(5), 1251-1262.
- Chung, Hyung-Min Michael, & Silver, Mark S. Rule-Based Expert Systems and Linear Models: An Empirical Comparison of Learning-By-Examples Methods. 23(3), 687-707.
- Cinar, E. Mine. See: Salchenberger, Linda M., Cinar, E. Mine, & Lash, Nicholas A.
- Clark, Thomas D., Jr., Hammond, Donald H., & Cossick, Kathy L. Management Policies to Improve the Effectiveness of Multi-Station Service Organizations. 23(4), 1009-1022.
- Clarke, Richard L. Evaluating USAF Vehicle Maintenance Productivity Over Time: An Application of Data Envelopment Analysis. 23(2), 376-384.
- Cooper, William W. See: Brockett, Patrick L., Charnes, Abraham, Cooper, William W., Kwon, Ku-Hyuk, & Ruefli, Timothy W.
- Cosier, Richard A. See: Taylor, Lewis A., III, Cosier, Richard A., & Ganster, Daniel C.
- Cossick, Kathy L. See: Clark, Thomas D., Jr., Hammond, Donald H., & Cossick, Kathy L.
- Current, John, & O'Kelly, Morton. Locating Emergency Warning Sirens. 23(1), 221-234.
- Dalal, Nikunj, & Yadav, Surya B. The Design of a Knowledge-Based Decision Support System to Support the Information Analyst in Determining Requirements. 23(6), 1373-1388.

- Darrat, Ali F. See: Mesak, Hani I., & Darrat, Ali F.
- Davidson, Naomi Berger. See: Rebne, Douglas S., & Davidson, Naomi Berger.
- De, Prabuddha, Ghosh, Jay B., & Wells, Charles E. Heuristic Estimation of the Efficient Frontier for a Bi-Criteria Scheduling Problem. 23(3), 596-609.
- Diamond, Lester, & Lerch, F. Javier. Fading Frames: Data Presentation and Framing Effects. 23(5), 1050-1071.
- Dillinger, Anne M., Stein, William E., & Mizzi, Philip J. Risk Averse Decisions in Business Planning. 23(4), 1003-1008.
- Ensor, Katherine B. See: Bridges, Eileen, Ensor, Katherine B., & Thompson, James R.
- Faaland, Bruce H., Klastorin, Theodore D., Schmitt, Thomas G., & Shtub, Avraham. Assembly Line Balancing with Resource Dependent Task Times. 23(2), 343-364.
- Fedorowicz, Jane, Oz, Effy, & Berger, Paul D. A Learning Curve Analysis of Expert System Use. 23(4), 797-818.
- Fewings, David, R. A Credit Limit Decision Model for Inventory Floor Planning and Other Extended Trade Credit Arrangements. 23(1), 200-220.
- Fisher, Warren W. See: Ahmed, Imtiaz, & Fisher, Warren W.
- Fliedner, Eugene B., & Mabert, Vincent A. Constrained Forecasting: Some Implementation Guidelines. 23(5), 1143-1161.
- Gal, Graham, & Steinbart, Paul John. Interface Style and Training Task Difficulty as Determinants of Effective Computer-Assisted Knowledge Transfer. 23(1), 128-143.
- Ganster, Daniel C. See: Taylor, Lewis A., III, Cosier, Richard A., & Ganster, Daniel C.
- Gardiner, Lorraine R. See: Stam, Antonie, Joachimsthaler, Erich A., & Gardiner, Lorraine R.
- Ghosh, Dipankar, & Ray, Manash R. Risk Attitude, Ambiguity Intolerance and Decision Making: An Exploratory Investigation. 23(2), 431-444.
- Ghosh, Jay B. See: De, Prabuddha, Ghosh, Jay B., & Wells, Charles E.
- Gilbert, Kenneth C., & Hofstra, Ruth B. A New Multiperiod Multiple Traveling Salesman Problem with Heuristic and Application to a Scheduling Problem. 23(1), 250-259.

- Goul, Michael, Henderson, John C., & Tonge, Fred M. The Emergence of Artificial Intelligence as a Reference Discipline for Decision Support Systems Research. 23(6), 1263-1276.
- Goyal, S. K., & Srinivasan, G. The Individually Responsible and Rational Decision Approach to Economic Lot Sizes for One Vendor and Many Purchasers: A Comment. 23(3), 777-784.
- Grabowski, Martha, & Sanborn, Steve. Knowledge Representation and Reasoning in a Real-Time Operational Control System: The Shipboard Piloting Expert System (SPES). 23(6), 1277-1296.
- Greenhaus, Jeffrey H. See: Igbaria, Magid, & Greenhaus, Jeffrey H.
- Gribbin, Donald W. See: Lau, Hon-Shiang, Gribbin, Donald W., & Harris, Randy.
- Guimaraes, Tor, Igbaria, Magid, & Lu, Ming-te. The Determinants of DSS Success: An Integrated Model. 23(2), 409-430.
- Hammond, Donald H. See: Clark, Thomas D., Jr., Hammond, Donald H., & Cossick, Kathy L.
- Hansen, James V., McDonald, James B., & Stice, James D. Artificial Intelligence and Generalized Qualitative-Response Models: An Empirical Test on Two Audit Decision-Making Domains. 23(3), 708-723.
- Harris, Randy. See: Lau, Hon-Shiang, Gribbin, Donald W., & Harris, Randy.
- Hayya, Jack C. See: Kim, Seung Lae, Hayya, Jack C., & Hong, Jae-Dong.
- Heintz, Timothy J., & Acar, William. Toward Computerizing a Causal Modeling Approach to Strategic Problem Framing. 23(5), 1220-1230.
- Henderson, John C. See: Goul, Michael, Henderson, John C., & Tonge, Fred M.
- Hill, Arthur V. An Experimental Comparison of Dispatching Rules for Field Service Support. 23(1), 235-249.
- Hofstra, Ruth B. See: Gilbert, Kenneth C., & Hofstra, Ruth B.
- Hong, Jae-Dong. See: Kim, Seung Lae, Hayya, Jack C., & Hong, Jae-Dong.
- Igbaria, Magid, & Greenhaus, Jeffrey H. The Career Advancement Prospects of Managers and Professionals: Are MIS Employees Unique? 23(2), 478-499.

- Igbaria, Magid. See: Guimaraes, Tor, Igbaria, Magid, & Lu, Ming-te.
- Inman, R. Anthony. See: Mehra, Satish, & Inman, R. Anthony.
- Jacobs, F. Robert, & Whybark, D. Clay. A Comparison of Reorder Point and Material Requirements Planning Inventory Control Logic. 23(2), 332-342.
- Jarvis, James, P. See: Bowers, Melissa R., & Jarvis, James P.
- Jelassi, M. Tawfik. See: Weitz, Rob R., & Jelassi, M. Tawfik.
- Joachimsthaler, Erich A. See: Stam, Antonie, Joachimsthaler, Erich A., & Gardiner, Lorraine R.
- Kim, Eyong B. See: Lee, Sang M., & Kim, Eyong B.
- Kim, Jay S., Ritzman, Larry P., Benton, W. C., & Snyder, David L. Linking Product Planning and Process Design Decisions. 23(1), 44-60.
- Kim, K. Kyu. See: Umanath, Narayan S., & Kim, K. Kyu.
- Kim, Seung Lae, Hayya, Jack C., & Hong, Jae-Dong. Setup Reduction in the Economic Production Quantity Model. 23(2), 500-508.
- Kim, Seung-Lae, & Arinze, Bay. A Knowledge-Based Decision Support System for Setup Reduction. 23(6), 1389-1407.
- King, William R. See: Sabherwal, Rajiv, & King, William R.
- Klastorin, Theodore D. See: Faaland, Bruce H., Klastorin, Theodore D., Schmitt, Thomas G., & Shtub, Avraham.
- Kletke, Marilyn G. See: Mackay, Jane M., Barr, Steve H., & Kletke, Marilyn G.
- Krajewski, Lee J. See: Russell, Randolph M., & Krajewski, Lee J.
- Krajewski, Lee. See: Lin, Neng-Pai, & Krajewski, Lee.
- Krull, George W., Jr. See: Reckers, Philip M. J., Wong-On-Wing, Bernard, & Krull, George W., Jr.
- Kwon, Ku-Hyuk. See: Brockett, Patrick L., Charnes, Abraham, Cooper, William W., Kwon, Ku-Hyuk, & Ruefli, Timothy W.
- Lash, Nicholas A. See: Salchenberger, Linda M., Cinar, E. Mine, & Lash, Nicholas A.
- Lau, Hon-Shiang, Gribbin, Donald W., & Harris, Randy. How Prevalent Are Stable-Paretian Distributed Financial Variables? 23(5), 1240-1250.

- Lau, Kin-nam, & Post, Gerald, V. A Note on Discriminant Analysis Using LAD. 23(1), 260-265.
- LeClere, Marc J. The Interpretation of Coefficients in Models with Qualitative Dependent Variables. 23(3), 770-776.
- Lee, Sang M., & Kim, Eyong B. An Analysis of Pedagogical Effects of Alternative Teaching Approaches of Goal Programming. 23(4), 991-1002.
- Lerch, F. Javier. See: Diamond, Lester, & Lerch, F. Javier.
- Leu, Yow-Yuh, Rakes, Terry R., Rees, Loren Paul, & Ceccucci, Wendy A. Modelling Resource Allocation in a Decentralized Organization with an AI-Based, Goal-Directive Model. 23(5), 1027-1049.
- Lewis, Holly S., Sweigart, James R., & Markland, Robert E. Master Scheduling in Assemble-To-Order Environments: A Capacitated Multiobjective Lot-Sizing Model. 23(1), 21-43.
- Liang, Ting-Peng, Moskowitz, Herbert, & Yih, Yuehwern. Integrating Neural Networks and Semi-Markov Processes for Automated Knowledge Acquisition: An Application to Real-Time Scheduling. 23(6), 1297-1314.
- Liao, Woody M. See: Cheng, C. S. Agnes, & Liao, Woody M.
- Lin, Neng-Pai, & Krajewski, Lee. A Model for Master Production Scheduling in Uncertain Environments. 23(4), 839-861.
- Lu, Ming-te. See: Guimaraes, Tor, Igbaria, Magid, & Lu, Ming-te.
- Mabert, Vincent A. See: Fliedner, Eugene B., & Mabert, Vincent A.
- Mackay, Jane M., Barr, Steve H., & Kletke, Marilyn G. An Empirical Investigation of the Effects of Decision Aids on Problem-Solving Processes. 23(3), 648-672.
- MacLeod, Kenneth R., & Reeves, Gary R. An Application of the AXIS Solution Framework to Multiple Objective Aggregate Production Planning. 23(6), 1315-1332.
- Mahmoodi, Farzad, Tierney, Edward J., & Mosier, Charles T. Dynamic Group Scheduling Heuristics in a Flow-through Cell Environment. 23(1), 61-85.
- Markland, Robert E. See: Lewis, Holly S., Sweigart, James R., & Markland, Robert E.
- Marucheck, Ann S. See: Sulek, Joanne M., & Marucheck, Ann S.

- McDonald, James B. See: Hansen, James V., McDonald, James B., & Stice, James D.
- McGlone, Teresa A., & Calantone, Roger J. A Goal Programming Model for Effective Segment Determination: A Comment and Application. 23(5), 1231-1239.
- Mehra, Satish, & Inman, R. Anthony. Determining the Critical Elements of Just-In-Time Implementation. 23(1), 160-174.
- Mesak, Hani I., & Darrat, Ali F. On Comparing Alternative Advertising Policies of Pulsation. 23(3), 541-564.
- Mizzi, Philip J. See: Dillinger, Anne M., Stein, William E., & Mizzi, Philip J.
- Moore, James S. A Prototype Expert Decision Support System for the Market Appraisal of the Single Family Residence. 23(6), 1408-1422.
- Mosier, Charles T. See: Mahmoodi, Farzad, Tierney, Edward J., & Mosier, Charles T.
- Moskowitz, Herbert. See: Liang, Ting-Peng, Moskowitz, Herbert, & Yih, Yuehwern.
- Muralidhar, Krishnamurty, & Zanakis, Stelios H. A Simple Minimum-Bias Percentile Estimator of the Location Parameter for the Gamma, Weibull, and Log-Normal Distributions. 23(4), 862-879.
- Norgaard, Richard. See: Brown, Kate, & Norgaard, Richard.
- Nutt, Paul C. Formulation Tactics and the Success of Organizational Decision Making. 23(3), 519-540.
- O'Connor, Walter. See: Shilton, Leon, O'Connor, Walter, Teall, John, & Webb, James R.
- O'Kelly, Morton. See: Current, John, & O'Kelly, Morton.
- O'Leary, Daniel E. Single and Multiple Period Decision Models for Analysis of Quality and Quantity of Validation. 23(6), 1423-1439.
- Olson, David L. Review of Empirical Studies in Multiobjective Mathematical Programming: Subject Reflection of Nonlinear Utility and Learning. 23(1), 1-20.
- Oz, Effy. See: Fedorowicz, Jane, Oz, Effy, & Berger, Paul D.
- Pantumsinchai, Pricha. A Comparison of Three Joint Ordering Inventory Policies. 23(1), 111-127.
- Pei, Buck K. W., Reckers, Philip M. J., & Wyndelts, Robert W. Tax Professionals Belief Revision: The Effects of Information Presentation Sequence, Client Preference, and Domain Experience. 23(1), 175-199.

- Platt, Marjorie. See: Chun, Young Hak, & Platt, Marjorie.
- Post, Gerald, V. See: Lau, Kin-nam, & Post, Gerald, V.
- Raghunathan, Srinivasan, & Tadikamalla, Pandu. The Use of Stochastic Simulation in Knowledge-Based Systems. 23(6), 1333-1356.
- Ragsdale, Cliff T., & Stam, Antonie. Introducing Discriminant Analysis to the Business Statistics Curriculum. 23(3), 724-745.
- Rajagopalan, S. A Note on "An Efficient Zero-One Formulation of the Multilevel Lot-Sizing Problem". 23(4), 1023-1025.
- Rakes, Terry R. See: Leu, Yow-Yuh, Rakes, Terry R., Rees, Loren Paul, & Ceccucci, Wendy A.
- Ray, Manash R. See: Ghosh, Dipankar, & Ray, Manash R.
- Rebne, Douglas S., & Davidson, Naomi Berger. Understanding Patterns of Publishing Activity in Academic Research Occupations. 23(4), 944-956.
- Reckers, Philip M. J. See: Pei, Buck K. W., Reckers, Philip M. J., & Wyndelts, Robert W.
- Reckers, Philip M. J., Wong-On-Wing, Bernard, & Krull, George W., Jr. Auditors' Assessment of Management's Disposition: An Attributional Analysis. 23(4), 957-972.
- Rees, Loren Paul. See: Leu, Yow-Yuh, Rakes, Terry R., Rees, Loren Paul, & Ceccucci, Wendy A.
- Reeves, Gary R. See: MacLeod, Kenneth R., & Reeves, Gary R.
- Ritzman, Larry P. See: Kim, Jay S., Ritzman, Larry P., Benton, W. C., & Snyder, David L.
- Ruefli, Timothy W. See: Brockett, Patrick L., Charnes, Abraham, Cooper, William W., Kwon, Ku-Hyuk, & Ruefli, Timothy W.
- Russell, Randolph M., & Krajewski, Lee J. Coordinated Replenishments from a Common Supplier. 23(3), 610-632.
- Sabherwal, Rajiv, & King, William R. Decision Processes for Developing Strategic Applications of Information Systems: A Contingency Approach. 23(4), 917-943.
- Salchenberger, Linda M., Cinar, E. Mine, & Lash, Nicholas A. Neural Networks: A New Tool for Predicting Thrift Failures. 23(4), 899-916.
- Sanborn, Steve. See: Grabowski, Martha, & Sanborn, Steve.
- Schmitt, Thomas G. See: Faaland, Bruce H., Klastorin, Theodore D., Schmitt, Thomas G., & Shtub, Avraham.

- Schoner, Bertram, Wedley, William C., & Choo, Eng Ung. A Rejoinder to Forman on AHP, with Emphasis on the Requirements of Composite Ratio Scales. 23(2), 509-517.
- Shilton, Leon, O'Connor, Walter, Teall, John, & Webb, James R. Real Estate Taxation and Commercial Mortgage Underwriting. 23(5), 1162-1173.
- Shtub, Avraham. See: Faaland, Bruce H., Klastorin, Theodore D., Schmitt, Thomas G., & Shtub, Avraham.
- Silver, Mark S. See: Chung, Hyung-Min Michael, & Silver, Mark S.
- Silverman, Barry, G. Evaluating and Refining Expert Critiquing Systems: A Methodology. 23(1), 86-110.
- Silverman, Barry G. Judgment Error and Expert Critics in Forecasting Tasks. 23(5), 1199-1219.
- Slade, Stephen. Generating Explanations for Goal-Based Decision Making. 23(6), 1440-1462.
- Snyder, David L. See: Kim, Jay S., Ritzman, Larry P., Benton, W. C., & Snyder, David L.
- Srinivasan, G. See: Goyal, S. K., & Srinivasan, G. Stam, Antonie, Joachimsthaler, Erich A., & Gardiner, Lorraine R. Interactive Multiple Objective Decision Support for Sales Force Sizing and Deployment. 23(2), 445-466.
- Stam, Antonie. See: Ragsdale, Cliff T., & Stam, Antonie.
- Stein, William E. See: Dillinger, Anne M., Stein, William E., & Mizzi, Philip J.
- Steinbart, Paul John. See: Gal, Graham, & Steinbart, Paul John.
- Stice, James D. See: Hansen, James V., McDonald, James B., & Stice, James D.
- Sulek, Joanne M., & Marucheck, Ann S. A Study of the Impact of an Integrated Information Technology on the Time Utilization of Information Workers. 23(5), 1174-1198.
- Suresh, Nallan C. Partitioning Work Centers for Group Technology: Analytical Extension and Shop-Level Simulation Investigation. 23(2), 267-290.
- Sweigart, James R. See: Lewis, Holly S., Sweigart, James R., & Markland, Robert E.
- Tadikamalla, Pandu. See: Raghunathan, Srinivasan, & Tadikamalla, Pandu.
- Tang, Kwei. See: Chou, Kuocheng, & Tang, Kwei.
 Taylor, Lewis A., III, Cosier, Richard A., & Ganster, Daniel C. The Positive Effects of Easy Goals on Decision Quality and Risk Propensity in an MCPLP Task. 23(4), 880-898.

- Teall, John. See: Shilton, Leon, O'Connor, Walter, Teall, John, & Webb, James R.
- Thompson, Gary M. Improving the Utilization of Front-Line Service Delivery System Personnel. 23(5), 1072-1098.
- Thompson, James R. See: Bridges, Eileen, Ensor, Katherine B., & Thompson, James R.
- Tierney, Edward J. See: Mahmoodi, Farzad, Tierney, Edward J., & Mosier, Charles T.
- Tonge, Fred M. See: Goul, Michael, Henderson, John C., & Tonge, Fred M.
- Umanath, Narayan S., & Kim, K. Kyu. Task-Structure Relationship of Information Systems Development Subunit: A Congruence Perspective. 23(4), 819-838.
- Upton, David E. See: Bernardo, John J., & Upton, David E.
- Webb, James R. See: Shilton, Leon, O'Connor, Walter, Teall, John, & Webb, James R.
- Wedley, William C. Schoner, Bertram, Wedley, William C., & Choo, Eng Ung.
- Weitz, Rob R., & Jelassi, M. Tawfik. Assigning Students to Groups: A Multi-Criteria Decision Support System Approach. 23(3), 746-757.
- Wells, Charles E. See: De, Prabuddha, Ghosh, Jay B., & Wells, Charles E.
- Wemmerlöv, Urban. Fundamental Insights into Part Family Scheduling: The Single Machine Case. 23(3), 565-595.
- Wendell, Richard E. Sensitivity Analysis Revisted and Extended. 23(5), 1127-1142.
- Whybark, D. Clay. See: Jacobs, F. Robert, & Whybark, D. Clay.
- Wong-On-Wing, Bernard. See: Reckers, Philip M. J., Wong-On-Wing, Bernard, & Krull, George W., Jr.
- Wyndelts, Robert W. See: Pei, Buck K. W., Reckers, Philip M. J., & Wyndelts, Robert W.
- Yadav, Surya B. See: Dalal, Nikunj P., & Yadav, Surya B.
- Yih, Yuehwern. See: Liang, Ting-Peng, Moskowitz, Herbert, & Yih, Yuehwern.
- Yourstone, Steven A., & Zimmer, William J. Non-Normality and the Design of Control Charts for Averages. 23(5), 1099-1113.
- Zanakis, Stelios H. See: Muralidhar, Krishnamurty, & Zanakis, Stelios H.
- Zimmer, William J. See: Yourstone, Steven A., & Zimmer, William J.
- Zinkhan, George M., & Cheng, C. S. Agnes. Marketing Communication Intensity Across Industries. 23(3), 758-769.

VOLUME 23 TITLE INDEX

- Analysis of Pedagogical Effects of Alternative Teaching Approaches of Goal Programming, An. Sang M. Lee and Eyong B. Kim, 23(4), 991-1002.
- Application of the AXIS Solution Framework to Multiple Objective Aggregate Production Planning, An. Kenneth R. MacLeod and Gary R. Reeves, 23(6), 1315-1332.
- Artificial Intelligence and Generalized Qualitative-Response Models: An Empirical Test on Two Audit Decision-Making Domains. James V. Hansen, James B. McDonald, and James D. Stice, 23(3), 708-723.
- Assembly Line Balancing with Resource Dependent Task Times. Bruce H. Faaland, Theodore D. Klastorin, Thomas G. Schmitt, and Avraham Shtub, 23(2), 343-364.
- Assigning Students to Groups: A Multi-Criteria Decision Support System Approach. Rob R. Weitz and M. Tawfik Jelassi, 23(3), 746-757.
- Auditors' Assessment of Management's Disposition: An Attributional Analysis. Philip M. J. Reckers, Bernard Wong-On-Wing, and George W. Krull, Jr., 23(4), 957-972.
- Automatic Generation of Symbolic Multiattribute Ordinal Knowledge-Based DSSs: Methodology and Applications. Arie Ben-David, 23(6), 1357-1372.
- Burn-in Time and Estimation of Change-Point with Weibull-Exponential Mixture Distribution. Kuocheng Chou and Kwei Tang, 23(4), 973-990.
- Career Advancement Prospects of Managers and Professionals: Are MIS Employees Unique, The? Magid Igbaria and Jeffrey H. Greenhaus, 23(2), 478-499.
- Chance Constrained Programming Approach to Empirical Analyses of Mutual Fund Investment Strategies. Patrick L. Brockett, Abraham Charnes, William W. Cooper, Ku-Hyuk Kwon, and Timothy W. Ruefli, 23(2), 385-408.
- Comparing Alternative Advertising Policies of Pulsation, On. Hani I. Mesak and Ali F. Darrat, 23(3), 541-564.
- Comparison of Reorder Point and Material Requirements Planning Inventory Control Logic, A. F. Robert Jacobs and D. Clay Whybark, 23(2), 332-342.
- Comparison of Three Joint Ordering Inventory Policies, A. Pricha Pantumsinchai, 23(1), 111-127.

- Constrained Forecasting: Some Implementation Guidelines. Eugene B. Fliedner and Vincent A. Mabert, 23(5), 1143-1161.
- Coordinated Replenishments from a Common Supplier. Randolph M. Russell and Lee J. Krajewski, 23(3), 610-632.
- Credit Limit Decision Model for Inventory Floor Planning and Other Extended Trade Credit Arrangements, A. David R. Fewings, 23(1), 200-220.
- Decision Processes for Developing Strategic Applications of Information Systems: A Contingency Approach. Rajiv Sabherwal and William R. King, 23(4), 917-943.
- Decomposition Approximation for Periodic Kanban-Controlled Flow Shops, A. Blair J. Berkley, 23(2), 291-311.
- Design of a Knowledge-Based Decision Support System to Support the Information Analyst in Determining Requirements, The. Nikunj P. Dalal and Surya B. Yadav, 23(6), 1373-1388.
- Determinants of DSS Success: An Integrated Model, The. Tor Guimaraes, Magid Igbaria, and Ming-te Lu, 23(2), 409-430.
- Determining the Critical Elements of Just-In-Time Implementation. Satish Mehra and R. Anthony Inman, 23(1), 160-174.
- Due Date Assignment, Job Order Release, and Sequencing Interaction in Job Shop Scheduling. Imtiaz Ahmed and Warren W. Fisher, 23(3), 633-647.
- Dynamic Group Scheduling Heuristics in a Flow-through Cell Environment. Farzad Mahmoodi, Edward J. Tierney, and Charles T. Mosier, 23(1), 61-85.
- Emergence of Artificial Intelligence as a Reference Discipline for Decision Support Systems Research, The. Michael Goul, John C. Henderson, and Fred M. Tonge, 23(6), 1263-1276.
- Empirical Investigation of the Effects of Decision Aids on Problem-Solving Processes, An. Jane M. Mackay, Steve H. Barr, and Marilyn G. Kletke, 23(3), 648-672.
- Evaluating and Refining Expert Critiquing Systems: A Methodology. Barry G. Silverman, 23(1), 86-110.
- Evaluating USAF Vehicle Maintenance Productivity Over Time: An Application of Data Envelopment Analysis. Richard L. Clarke, 23(2), 376-384.

- Experimental Comparison of Dispatching Rules for Field Service Support, An. Arthur V. Hill, 23(1), 235-249.
- Fading Frames: Data Presentation and Framing Effects. Lester Diamond and F. Javier Lerch, 23(5), 1050-1071.
- Formulation Tactics and the Success of Organizational Decision Making. Paul C. Nutt, 23(3), 519-540.
- Fundamental Insights into Part Family Scheduling: The Single Machine Case. Urban Wemmerlöv, 23(3), 565-595.
- Generating Explanations for Goal-Based Decision Making. Stephen Slade, 23(6), 1440-1462.
- Goal Programming Model for Effective Segment Determination: A Comment and Application, A. Teresa A. McGlone and Roger J. Calantone, 23(5), 1231-1239.
- Heuristic Estimation of the Efficient Frontier for a Bi-Criteria Scheduling Problem. Prabuddha De, Jay B. Ghosh, and Charles E. Wells, 23(3), 596-609.
- Hierarchical Production Planning and Scheduling Model, A. Melissa R. Bowers and James P. Jarvis, 23(1), 144-159.
- How Prevalent Are Stable-Paretian Distributed Financial Variables? Hon-Shiang Lau, Donald W. Gribbin and Randy Harris, 23(5), 1240-1250.
- Improving the Utilization of Front-Line Service Delivery System Personnel. Gary M. Thompson, 23(5), 1072-1098.
- Individually Responsible and Rational Decision Approach to Economic Lot Sizes for One Vendor and Many Purchasers: A Comment, The. S. K. Goyal and G. Srinivasan, 23(3), 777-784.
- Integrating Neural Networks and Semi-Markov Processes for Automated Knowledge Acquisition: An Application to Real-Time Scheduling. Ting-Peng Liang, Herbert Moskowitz, and Yuehwern Yih, 23(6), 1297-1314.
- Interactive Multiple Objective Decision Support for Sales Force Sizing and Deployment. Antonie Stam, Erich A. Joachimsthaler, and Lorraine R. Gardiner, 23(2), 445-466.
- Interface Style and Training Task Difficulty as Determinants of Effective Computer-Assisted Knowledge Transfer. Graham Gal and Paul John Steinbart, 23(1), 128-143.
- Interpretation of Coefficients in Models with Qualitative Dependent Variables, The. Marc J. LeClere, 23(3), 770-776.

- Introducing Discriminant Analysis to the Business Statistics Curriculum. Cliff T. Ragsdale and Antonie Stam, 23(3), 724-745.
- Judgment Error and Expert Critics in Forecasting Tasks. Barry G. Silverman, 23(5), 1199-1219.
- Knowledge-Based Decision Support System for Setup Reduction, A. Seung-Lae Kim and Bay Arinze, 23(6), 1389-1407.
- Knowledge Representation and Reasoning in a Real-Time Operational Control System: The Shipboard Piloting Expert System (SPES). Martha Grabowski and Steve Sanborn, 23(6), 1277-1296.
- Learning Curve Analysis of Expert System Use, A. Jane Fedorowicz, Effy Oz and Paul D. Berger, 23(4), 797-818.
- Linking Product Planning and Process Design Decisions. Jay S. Kim, Larry P. Ritzman, W. C. Benton, and David L. Snyder, 23(1), 44-60.
- Locating Emergency Warning Sirens. John Current and Morton O'Kelly, 23(1), 221-234.
- Management Policies to Improve the Effectiveness of Multi-Station Service Organizations. Thomas D. Clark, Jr., Donald H. Hammond, and Kathy L. Cossick, 23(4), 1009-1022.
- Marketing Communication Intensity Across Industries. George M. Zinkhan and C. S. Agnes Cheng, 23(3), 758-769.
- Marketplace Competition in the Personal Computer Industry. Eileen Bridges, Katherine B. Ensor, and James R. Thompson, 23(2), 467-477.
- Master Production Scheduling Under Rolling Planning Horizons with Fixed Order Intervals. Gerard M. Campbell, 23(2), 312-331.
- Master Scheduling in Assemble-To-Order Environments: A Capacitated Multiobjective Lot-Sizing Model. Holly S. Lewis, James R. Sweigart, and Robert E. Markland, 23(1), 21-43.
- Model for Master Production Scheduling in Uncertain Environments, A. Neng-Pai Lin and Lee Krajewski, 23(4), 839-861.
- Modelling Resource Allocation in a Decentralized Organization with an AI-Based, Goal-Directive Model. Yow-Yuh Leu, Terry R. Rakes, Loren Paul Rees and Wendy A. Ceccucci, 23(5), 1027-1049.
- Modelling the Telecommunication Pricing Decision. Kate Brown and Richard Norgaard, 23(3), 673-686.

- Neural Networks: A New Tool for Predicting Thrift Failures. Linda M. Salchenberger, E. Mine Cinar, and Nicholas A. Lash, 23(4), 899-916.
- New Multiperiod Multiple Traveling Salesman Problem with Heuristic and Application to a Scheduling Problem, A. Kenneth C. Gilbert and Ruth B. Hofstra, 23(1), 250-259.
- Non-Normality and the Design of Control Charts for Averages. Steven A. Yourstone and William J. Zimmer, 23(5), 1099-1113.
- Note on "An Efficient Zero-One Formulation of the Multilevel Lot-Sizing Problem", A. S. Rajagopalan, 23(4), 1023-1025.
- Note on Discriminant Analysis Using LAD, A. Kin-nam Lau and Gerald V. Post, 23(1), 260-265.
- Partitioning Work Centers for Group Technology: Analytical Extension and Shop-Level Simulation Investigation. Nallan C. Suresh, 23(2), 267-290.
- Positive Effects of Easy Goals on Decision Quality and Risk Propensity in an MCPLP Task, The. Lewis A. Taylor, III, Richard A. Cosier, and Daniel C. Ganster, 23(4), 880-898.
- Prototype Expert Decision Support System for the Market Appraisal of the Single Family Residence, A. James S. Moore, 23(6), 1408-1422.
- Real Estate Taxation and Commercial Mortgage Underwriting. Leon Shilton, Walter O'Connor, John Teall and James R. Webb, 23(5), 1162-1173.
- Rejoinder to Forman on AHP, with Emphasis on the Requirements of Composite Ratio Scales, A. Bertram Schoner, William C. Wedley, and Eng Ung Choo, 23(2), 509-517.
- Review of Empirical Studies in Multiobjective Mathematical Programming: Subject Reflection of Nonlinear Utility and Learning. David L. Olson, 23(1), 1-20.
- Risk Attitude, Ambiguity Intolerance and Decision Making: An Exploratory Investigation. Dipankar Ghosh and Manash R. Ray, 23(2), 431-444.
- Risk Averse Decisions in Business Planning.
 Anne M. Dillinger, William E. Stein, and Philip J. Mizzi, 23(4), 1003-1008.
- Rule-Based Expert Systems and Linear Models: An Empirical Comparison of Learning-By-Examples Methods. Hyung-Min Michael Chung and Mark S. Silver, 23(3), 687-707.

- Sensitivity Analysis Revisted and Extended. Richard E. Wendell, 23(5), 1127-1142.
- Sequential Selection Problem, On the. Young Hak Chun and Marjorie Platt, 23(5), 1251-1262.
- Setup Reduction in the Economic Production Quantity Model. Seung Lae Kim, Jack C. Hayya, and Jae-Dong Hong, 23(2), 500-508.
- Simple Minimum-Bias Percentile Estimator of the Location Parameter for the Gamma, Weibull, and Log-Normal Distributions, A. Krishnamurty Muralidhar and Stelios H. Zanakis, 23(4), 862-879.
- Simultaneous Determination of Joint Product Cost Allocations and Cost-Plus Prices. C. S. Agnes Cheng and Woody M. Liao, 23(4), 785-796.
- Single and Multiple Period Decision Models for Analysis of Quality and Quantity of Validation. Daniel E. O'Leary, 23(6), 1423-1439.
- Stochastic and Intransitive Behavior in a State-Preference Model of Asset Choice. John J. Bernardo and David E. Upton, 23(5), 1114-1126.
- Study of the Impact of an Integrated Information Technology on the Time Utilization of Information Workers, A. Joanne M. Sulek and Ann S. Marucheck, 23(5), 1174-1198.
- Task-Structure Relationship of Information Systems Development Subunit: A Congruence Perspective. Narayan S. Umanath and K. Kyu Kim, 23(4), 819-838.
- Tax Professionals Belief Revision: The Effects of Information Presentation Sequence, Client Preference, and Domain Experience. Buck K.W. Pei, Philip M.J. Reckers, and Robert W. Wyndelts, 23(1), 175-199.
- Toward Computerizing a Causal Modeling Approach to Strategic Problem Framing. Timothy J. Heintz and William Acar, 23(5), 1220-1230.
- Understanding Patterns of Publishing Activity in Academic Research Occupations. Douglas S. Rebne and Naomi Berger Davidson, 23(4), 944-956.
- Unique Solution for the Nucleolus in Accounting Allocations, A. Thomas L. Barton, 23(2), 365-375.
- Use of Stochastic Simulation in Knowledge-Based Systems, The. Srinivasan Raghunathan and Pandu Tadikamalla, 23(6), 1333-1356.

VOLUME 23 SUBJECT INDEX

Academic Administration, 746-757, 944-956

Accounting, 770-776

Advertising, 541-564, 758-769

Aggregate Planning, 1315-1332

Artificial Intelligence, 1263-1276

Auditing, 708-723, 957-972

Banking and Finane, 899-916

Capital Budgeting, 1251-1262

Cellular Manufacturing, 61-85

Computer Applications, 596-609, 746-757, 899-916, 1263-1276, 1408-1422, 1423-1439

Cost Allocations, 785-796

Decision Analysis, 1-20, 160-174, 431-444, 467-477, 509-517, 673-686, 708-723, 758-769, 1003-1008, 1114-1126, 1162-1173, 1251-1262

Decision Processes, 175-199, 519-540, 648-672, 917-943, 1050-1071, 1440-1462

Decision Support Systems, 86-110, 128-143, 221-234, 409-430, 445-466, 648-672, 687-707, 708-723, 746-757, 797-818, 1199-1219, 1220-1230, 1263-1276, 1277-1296, 1297-1314, 1315-1332, 1333-1356, 1357-1372, 1373-1388, 1389-1407, 1408-1422

Decision Theory, 200-220

Discrete Programming, 221-234

Distributed Systems, 1263-1276

Distribution Theory, 1240-1250

Expert Systems, 1263-1276, 1315-1332, 1423-1439

Finance, 200-220

Financial Modeling, 1240-1250

Financial Planning, 1251-1262

Forecasting, 1143-1161, 1199-1219

Game Theory, 1114-1126

Goal Programming, 673-686, 991-1002, 1231-1239, 1440-1462

Government, 376-384

Group Decision Processes, 917-943, 1220-1230

Group Scheduling, 61-85

Healthcare Administration, 1231-1239

Heuristics, 343-364, 610-632, 687-707, 746-757, 1199-1219

Human Information Processing, 1-20, 128-143, 175-199, 648-672, 687-707, 797-818, 957-972, 1050-1071

Information Management, 409-430, 478-499, 797-818, 1174-1198, 1263-1276

Information Structure Systems, 819-838

Innovative Education, 724-745

Inventory Management, 111-127, 160-174, 312-331, 332-342, 500-508, 777-784

Inventory Theory, 610-632

Job Design, 1009-1022

Learning Models, 128-143, 797-818, 1297-1314

Line Balancing, 343-364

Linear Programming, 1-20, 260-265, 365-375, 376-384, 1023-1025, 1072-1098, 1127-1142

Location Models, 221-234

Logistics of Distribution, 111-127, 160-174, 610-632

Maintenance, 235-249

Managerial Accounting, 365-375, 785-796

Management Information Systems, 478-499, 819-838, 917-943, 1050-1071, 1143-1161, 1263-1276, 1373-1388, 1423-1439

Manpower Planning, 1009-1022, 1027-1049, 1072-1098

Market Segmentation, 1231-1239

Marketing Management, 445-466, 467-477, 758-769

Marketing Research, 541-564, 758-769

Markov Processes, 1297-1314

Material Requirements Planning, 332-342, 839-861, 1023-1025

Mathematical Programming, 21-43, 44-60, 250-259, 343-364, 385-408, 445-466, 785-796

Modeling, 1251-1262

Multiple Criteria Decision Making, 445-466, 1315-1332

Not-for-Profit Management, 1231-1239

Operational Sciences, 1277-1296

Optimization, 541-564

Options Pricing Model, 1162-1173

Organization and Management Theory, 519-540, 1373-1388

Organizational Design, 819-838

Organizational Behavior, 880-898

Pedagogy/Teaching Methods, 86-110, 991-1002

Performance Evaluation, 86-110, 376-384, 944-956

Personnel Management, 478-499, 944-956

Portfolio Analysis, 1114-1126

Pricing, 785-796

Production/Operations Management, 21-43, 44-60, 61-85, 111-127, 144-159, 160-174, 267-290, 291-311, 312-331, 500-508, 596-609, 839-861, 1023-1025, 1143-1161, 1389-1407

Quality Control, 973-990, 1099-1113

Questionnaire Analysis, 478-499

Queuing Systems, 267-290, 291-311

Real Estate, 1162-1173, 1408-1422

- Regulation, 673-686
- Resource Allocation, 1027-1049
- Risk Analysis, 385-408, 957-972
- Risk and Uncertainty, 431-444, 1003-1008
- Scaling Methods, 509-517
- Scheduling, 144-159, 235-249, 250-259, 267-290, 565-595, 596-609, 633-647, 839-861,
 - 1297-1314
- Search Theory, 1251-1262
- Sensivity Analysis, 1127-1142
- Service Operations Management, 235-249, 758-769, 1009-1022, 1072-1098
- Simulation, 44-60, 61-85, 235-249, 267-290, 332-342, 565-595, 633-647, 862-879,
 - 1009-1022, 1072-1098, 1333-1356, 1440-1462
- Smoothing Techniques, 1143-1161
- Statistical Techniques, 260-265, 467-477, 708-723, 724-745, 770-776, 862-879, 973-990,
 - 1099-1113, 1174-1198, 1240-1250
- Statistical Decision Theory, 687-707, 899-916
- Stochastic Processes, 467-477
- Strategy and Policy, 44-60, 385-408, 519-540, 880-898, 917-943, 1220-1230
- Transportation, 376-384, 610-632, 1277-1296
- Verification Theory, 86-110, 1423-1439

